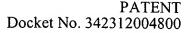
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perwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/617,616 **TRANSMITTAL** Filing Date July 11, 2003 First Named Inventor **FORM** Bore G. RAJU Art Unit Not Yet Assigned (to be used for all correspondence after initial filing) **Examiner Name** Not Yet Assigned 40 pages 145 Attorney Docket Number Total Number of Pages in This Submission 342312004800

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Amendmen After Affida Extension of Express Ab X Information (3 pages) Certified Co Document(4) Response to Incomplete	Fee Attached Licensing-related Papers Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement (3 pages) Certified Copy of Priority Document(s) Response to Missing Parts/Incomplete Application Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks Remarks Remarks		After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter X Other Enclosure(s) (please identify below): Form PTO-1449 (original + 3 copy (36 pages total)): 145 References (divided into 15 Volumes each volume containing a coversheet (sent in 3 separate boxes)) Return Receipt Postcard		
	SIGNAT	I URE OF APPLICANT, ATTORNEY, OF	R AGENT		
Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 25226)				
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Date	March 8, 2004				

Dated: 3/9/04 Signature: MUY Dem (Mei Y. Leung)	I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, i an envelope addressed to. Commissioner for Patents, P.O. Box 1450/Alexandria, VA 22313-1450, on the date shown below.	n
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Mei Y. Leung

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Bore G. RAJU et al.

Serial No.:

10/617,616

Filing Date:

July 11, 2003

For:

N-HYDROXYAMIDE DERIVATIVES

POSSESSING ANTIBACTERIAL

ACTIVITY

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are

not submitted. Copies of foreign documents and non-patent literature are submitted herewith.

The Examiner is requested to make these documents of record.

	This I	nformation Disclosure Statement is submitted:
	With t	he application; accordingly, no fee or separate requirements are required.
	Before	e the mailing of a first Office Action after the filing of a Request for Continued
	Exami	nation under § 1.114. However, if applicable, a certification under 37 C.F.R. §
	1.97(e)(1) has been provided.
\boxtimes	Withir	three months of the application filing date or before mailing of a first Office
	Action	on the merits; accordingly, no fee or separate requirements are required.
	Howe	ver, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
	After	receipt of a first Office Action on the merits but before mailing of a final Office
	Action	or Notice of Allowance.
		A fee is required. A check in the amount of is enclosed.
		A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached
		to this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee
		is believed to be due.
	After 1	mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue f	ee.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the
		amount of is enclosed.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal
		form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does

not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 342312004800. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated:

March 8, 2004

Respectfully submitted,

Nicholas S. Buffinger Registration No. 39,124

Morrison & Foerster LLP 755 Page Mill Road

Palo Alto, California 94304-1018

Telephone: (650) 813-5816 Facsimile: (650) 494-0792

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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U.S. PATENT DOCUMENTS

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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	01/24/2002	2002/0010199	Hagmann et al.			
	2.	02/14/2002	2002/0019419	De Laszlo et al.			
	3.	05/30/2002	2002/0065391	Stilz et al.			
	4.	10/03/2002	2002/0143043	Wehner et al.			
	5.	03/06/2003	2003/0045555	Rivera et al.			
	6.	07/20/1999	5,925,659	Patchett et al.			
	7.	02/01/2000	6,020,347	DeLaszlo et al.			
	8.	02/20/2001	6,191,171	DeLaszlo et al.			
	9.	01/22/2002	6,340,678	Matsuhisa et al.			
	10.	03/05/2002	6,353,099	DeLaszlo et al.			
	11.	06/18/2002	6,407,065	Wattanasin et al.			
*	12.	07/16/2002	6,420,418	Hagmann et al.			
	13.	08/13/2002	6,432,923	Wattanasin et al.			
	14.	10/15/2002	6,465,513	Grant et al.			
	15.	12/10/2002	6,492,421	Thorsett el al.			
	16.	09/30/2003	6,627,634	Himmelsbach et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	17.	01/02/1992	EP 0 463 596	Europe			
	18.	12/30/1992	EP 0 520 336	Europe			
	19.	02/02/2000	EP 0 976 722	Europe			
	20.	11/02/2000	EP 1 048 652	Europe	·		
	21.	04/18/1996	WO 96/10999	WIPO			
	22.	05/23/1996	WO 96/15148	WIPO			

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2	23. 09/26/1	996	WO 96/29309	WI	20				
2	24. 12/05/1	.996	WO 96/38471	WII	20				
2	25. 05/29/1	997	WO 97/18837	WII	20				
2	26. 11/06/1	997	WO 97/41102	WII					
2	27. 11/13/1	997	WO 97/42179	WII	20				
2	28. 04/23/1	998	WO 98/16512	WII	20			Abstract	
2	9. 07/23/1	998	WO 98/31661	WII	20			Abstract	
. 3	0. 09/11/1	998	WO 98/39303	WII	20				
3	1. 09/11/1	998	WO 98/39325	WII	20			Abstract	
3	2. 03/11/1	999	WO 99/11258	WII	20				
3	3. 05/27/1	999	WO 99/25685	WII	20				
3	4. 06/03/1	999	WO 99/26923	WII	20				
3	55. 07/08/1	999	WO 99/33805	WII	20			Abstract	
3	6. 10/21/1	999	WO 99/52926	WII	20				
3	7. 12/16/1	999	WO 99/63937	WII	20				
3	8. 12/29/1	999	WO 99/67230	WII	20				
3	9. 04/20/2	2000	WO 00/21920	WII	20				
4	0. 07/06/2	2000	WO 00/39081	WII	20			·	
4	1. 07/27/2	2000	WO 00/43371	WII	20				
4	2. 08/31/2	2000	WO 00/50396	WII	20				
4	3. 10/12/2	2000	WO 00/59878	WII	20				-
4	4. 10/12/2	2000	WO 00/59880 .	WII	20			·	
4	5. 10/12/2	2000	WO 00/60355	WII	20				
4	6. 01/04/2	2001	WO 01/00616	WII	20			Abstract	
4	7. 02/01/2	2001	WO 01/06984	WII	20		······································		****
4	8. 02/01/2	2001	WO 01/07044	WI	20		······································		
4	9. 02/01/2	2001	WO 01/07048	WII	20				
5	02/01/2	2001	WO 01/07052	WII	20				
5	1. 02/22/2	2001	WO 01/12183	WII	20	<u> </u>			
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Form PTO-1449			Docket Number 342312004800 Application Number 10/617,616			,			
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	53.	03/08/2001	WO 01/15733	WΠ	PO				!
	54.	04/05/2001	WO 01/23376	WI	PO				
	55.	05/03/2001	WO 01/30781	WI	PO				
	56.	09/27/2001	WO 01/70708	WI	PO				
	57.	10/18/2001	WO 01/77104	WI	PO			Abstract	
	58.	12/06/2001	WO 01/92253	WI	PO				
	59.	01/10/2002	WO 02/02522	WI	PO				
	60.	01/31/2002	WO 02/08202	WI	PO				
	61.	01/31/2002	WO 02/08206	WI	PO	_			
	62.	01/31/2002	WO 02/08222	WII	PO				
	63.	08/22/2002	WO 02/064558	WI	PO				
	64.	01/16/2003	WO 03/004460	WI	PO				
	65.	01/30/2003	WO 03/007949	WII	PO				
	66.	01/30/2003	WO 03/008380	WI	PO			Abstract	
	67.	02/13/2003	WO 03/011288	W]]	PO				
		ОТН	HER DOCUMENTS	S	(including author, tit.	le, Date, Pertin	ent Pages, Etc.)		
Examiner Initials	Ref. No.	Title					<u> </u>		
	68.		I.S. et al. (1993) "UD 268(26):19858-19865		acetylglucosamine A	cyltransfer	ase of <i>Escher</i>	richia coli," .	J.
	69.		.C. et al. (2000). "Dis " <i>Bioorganic & Medi</i>				rosine-based	α4β1 Integri	in
	70.	Astles, P.C. 6 Chemistry 9:	et al. (2001). "Diamir 2195-2202.	ne Co	ontaining VLA-4 Ant	agonists,"	Bioorganic &	Medicinal	1
	71.	Azzolina, B.A. et al. (2001) "The Cell Wall and Cell Division Gene Cluster in the <i>Mra</i> Operon of <i>Pseudomonas aeruginosa</i> : Cloning, Production, and Purification of Active Enzymes," <i>Protein Expression and Purification</i> 21(3): 393-400.							
	72.	Batt, D.G. (2000). "Disubstituted Indazoles as Potent Antagonists of the Integrin $\alpha_{\nu}\beta_{3}$," J. Med. Chem. 43:41-58.					Chem.		
•	73.	Belvisi, L. et al. (2001). "Potent Integrin Antagonists from a Small Library of RGD-Including Cyclic Pseudopeptides," <i>Organic Letters</i> 3(7):1001-1004.							
EXAMI	NER:				DATE CONSIL	DERED:			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in									

conformance and not considered. Include a copy of this form with next communication to applicant.

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Form PTO-1449		Docket Number 342312004800	Application Number 10/617,616		
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II.	I AN APPLICATION	Bore G. RAJU et al			
(1	Use several sheets if necessary)	Filing Date July 11, 2003	Group Art Unit Not Yet Assigned		
		Mailing Date March 8, 2004			
74.	Bianchi, E. et al. (2000). "Integrin LFA Modulate AP-1 Activity," <i>Nature</i> 404		cional Co-Activator JAB1 to		
75.	Blythin, D.J. et al. (1994). "Synthesis Acids as Conformationally Restricted				
76.	Boer, J. et al. (2001). "Design and Syn Med. Chem. 44(16):2586-2592.	thesis of Potent and Selective α	4β7 Integrin Antagonists," J.		
77.	Chang, L.L. et al. (2002). "The Discov Integrin Antagonists," <i>Bioorganic & M</i>				
78.	Chen, L. et al. (2000). "N-Acyl Pheny! Antagonists," Bioorganic & Medicina		nall Molecule VLA-4		
79.	Chen, L. et al. (2000). "N-Benzylpyrog Antagonists," Bioorganic & Medicina				
80.		ry Approach for Identification of New N-Acylphenylalanines as unic & Medicinal Chemistry Letters 12:1679-1682.			
81.		nylalanine Derivatives as Potent VLA-4 Antagonists that Mimic rganic & Medicinal Chemistry Letters 12:137-140.			
82.	Chen, M-H. et al. (1999). "Carbohydro A Biosynthesis," Bioorg. & Med. Che.	oxamido-Oxazolidines: Antibacterial Agents That Target Lipid m. Letts. 9(3):313-318.			
83.	Clements, J.M. et al. (2002). "Antibac LpxC," Antimicrobial Agents and Che		ation of Novel Inhibitors of		
84.	Cromwell, N.H. et al. (1979). "The Az 79(4): 331-358.	tetidines. Recent Synthetic Developments." Chemical Reviews			
85.	de Laszlo, S.E. et al. (2002). "Identific Library," Bioorganic & Medicinal Cha	eation of Unique VLA-4 Antagonists from a Combinatorial emistry Letters 12:685-688.			
86.		,6-Dimethozybiphenylalanine Analogues as VLA-4			
87.		ed Tetrahydrofuroyl-1-phenylalanine Derivatives as Potent and anic & Medicinal Chemistry Letters 12:1501-1505.			
88.	Dubree, N.J.P. et al. (2002). "Selective Antiinflammatory Agents," J. Med. Cit		Their Potential as		
89.	Duggan, M.E. et al. (2000). "Nonpepti Selective $\alpha_{\text{IIb}}\beta_3$ Antagonist into a Poten		de α,β ₃ Antagonists. 1. Transformation of a Potent, Integrin-		
90.	Feuston, B.P. (2002). "Binding Model Medicinal Chemistry 45(26):5640-56-	for Nonpeptide Antagonists of			
1	-				
EXAMINER:		DATE CONSIDERED:			
	tial if citation considered, whether or not the citati not considered. Include a copy of this form with r		line through the citation if not in		

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u	se several sheets if necessary)	Filing Date July 11, 2003	Group Art Unit Not Yet Assigned		
		Mailing Date March 8, 2004			
91.	Fotouhi, N. et al. (2000). "Cyclic Thiod Bioorganic & Medicinal Chemistry Le		M-VLA-4 Antagonists,"		
92.	Fotouhi, N. et al. (2000). "The Design Antagonists Incorporating an Achiral A 10:1171-1173.				
93.	Gadek, T.R. et al. (2002). "Generation Immunoregulatory Epitope to a Small				
94.	Goodman, S.L. et al. (2002). "Nanomo Integrins," <i>J. Med. Chem.</i> 45(5):1045-		or ανβ6, ανβ5, and ανβ3		
95.	Hagmann, W.K. et al. (2001). "The Dis Antagonists," Bioorganic & Medicinal				
96.	Huth, J.R. et al. (2000). "NMR and Mu Regulates Lymphocyte Function-Asso				
97.	Hyland, S.A. et al. (1997). "Cloning, E Deacetylase from <i>Pseudomonas aerug</i> Pathway," <i>J. Bacteriology</i> 179(6): 202	inosa: A Metalloamidase of the			
98.	98. Inagawa, T. et al. (2001). "Defective Plasmid Partition in ftsH Mutants of Escherichia coli," Mol. Genet. Genomics 265(5):755-762.				
99.	Jackman, J.E. (1999). "Metal Ion Requipment Deacetylases of Escherichia coli and A Duke University 203 pages.				
100.	Jackman, J.E. et al. (1999). "UDP-3-O Escherichia coli Is a Zinc Metalloenzy				
101.	Bacteria: Inhibition of Diverse UDP-3	erial Agents that Target Lipid A Biosynthesis in Gram-Negative 3- <i>O</i> -(<i>R</i> -3-hydroxymyristoyl)- <i>N</i> -acetylglucosamine Deacetylases Binding Motifs," <i>J. Biol. Chem.</i> 275(15):11002-11009.			
102.		ected mutagenesis of the Bacterial Metalloamidase UDP-3-O-se (LpxC). Identification of the Zinc Binding Site,"			
103.	Kamenecka, T.M. et al. (2002). "N-Ary Bioorganic & Medicinal Chemistry Le	ryl-prolyl-dipeptides as Potent Antagonists of VLA-4," etters 12:2205-2208.			
104.	Kelly, T.A. et al. (1999). "Cutting Edg Adhesion," <i>The Journal of Immunolog</i>		t of LFA-1-Mediated Cell		
105.	Kline, T. et al. (2001). "Potent, Novel LpxC," J. Med. Chem. 45(14):3112-31		monas aeruginosa Deacetylast		
EXAMINER:		DATE CONSIDERED:			
	ial if citation considered, whether or not the citation to considered. Include a copy of this form with n		ine through the citation if not in		

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(U	lse several sheets if necessary)	Filing Date July 11, 2003	Group Art Unit Not Yet Assigned		
		Mailing Date March 8, 2004			
106.	Kloser, A. et al. (1998) "Modulations i Outer Membrane Protein Assembly in	Escherichia coli K-12," Mol. M	ficrobiol. 27(5):1003-1008.		
107.	Kloser, A.W. et al. (1996). "asmB, a St Escherichia coli, Is Allelic to envA (Ip.	xC)," J. Bacteriol. 178(17):5138	8-5143.		
108.	Kobayashi, T. et al. (2002). "Convenie Aromatic Aldehydes by Means of the 3159.				
109.	Kopka, I.E. et al. (2002). "Substituted antagonists," Bioorganic & Medicinal				
110.	Kopka, I.E. et al. (2002). "Substituted Analogues as Potent VLA-4 Antagonis				
111. Lee, K-H. et al. (2002). "T Cell Receptor Signaling Precedes Immunological Synpase Formatic Science 295:1539-1542.					
112.	112. Li, B. et al. (2002). "N-(Arylacetyl)-biphenylalanines as Potent VLA-4 Antagonists," Bioorganic Medicinal Chemistry Letters 12:2141-2144.				
113.	Li, X. et al. (2002). "Synthesis of a Car Enzyme (LpxC) Involved in Lipid A B				
114.	Lin, K-C. et al. (1998). "Very Late And Current Opinion in Chemical Biology		Anti-Inflammatory Agents,"		
115.	Lin, K-C. et al. (1999). "Selective, Tig Airway Responses," J. Med. Chem. 42		n α4β1 That Inhibit Allergic		
116.	Lin, L.S. et al. (2002). "The Discovery VLA-4 Antagonists," <i>Bioorganic & M</i>				
117.	Link, J.T. et al. (2001). "Discovery and Interaction Antagonist," <i>Bioorganic &</i>				
118.	Liu, G. et al. (2000). "Discovery of No Function-Associated Antigen-1/Intrace Additional Binding Pocket Based on an	ellular Adhesion Molecule-1 Inte	eraction. 1. Identification of an		
119.	Liu, G. et al. (2001). "Novel <i>p</i> -Arylthic Associated Antigen-1/Intracellular Adl Structure-Based Improvement of Pharm	hesion Molecule-1 Interaction. 2	2. Mechanism of Inhibition and		
120.	Lu, T.T. et al. (2002). "Integrin-Media Zone," Science 297:409-412.	ted Long-Term B Cell Retention	n in the Splenic Marginal		
121.	Mousa, S.A. (2002). "Vitronectin Rece Investigational Drugs 3(8):1191-1195		urrent Opinion in		
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		Filing Date July 11, 2003	Group Art Unit Not Yet Assigned	
,	ose several sneets if necessary)		Group Art Onit Not Fet Assigned	
		Mailing Date March 8, 2004		
122.	Müller, G. et al. (2001). "Discovery and Evaluation of Piperidinyl Carboxylic Acid Derivatives as Potent $\alpha_4\beta_1$ Integrin Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 11:3019-3021.			
123.	Ogura, T. et al. (1999). "Balanced Biosynthesis of Major Membrane Components Through Regulated Degradation of the Committed Enzyme of Lipid A Biosynthesis by the AAA Protease FtsH (HflB) in Escherichia coli," Mol. Microbiol. 31(3):833-844.			
124.	Ohta, N. et al. (1999). "The Organellar Genomes of <i>Cyanidioschyzon merolae</i> ," <i>In</i> Enigmatic Microorganisms and Life In Extreme Environments, Seckbach, J. ed., Kluwer Academic Publishers: The Netherlands 1:141-149.			
125.	Onishi, H.R. et al. (1996). "Antibacterial Agents That Inhibit Lipid A Biosynthesis," <i>Science</i> 274:980-982.			
126.	Pei, Z. et al. (2001). "Discovery of Potent Antagonists of Leukocyte Function-Associated Antigen-1/Intercellular Adhesion Molecule-1 Interaction. 3. Amide (C-Ring) Structure-Activity Relationship and Improvement of Overall Properties of Arylthio Cinnamides," <i>J. Med. Chem.</i> 44:2913-2920.			
127.	Pepinsky, R.B. et al. (2002). "Comparative Assessment of the Ligand and Metal Ion Binding Properties of Integrins $\alpha \beta 1$ and $\alpha 4\beta 1$," Biochemistry 41:7125-7141.			
128.	Pirrung, M.C. et al. (2002). "Inhibition of the Antibacterial Target UDP-(3-O-acyl)-N-acetrylglucosamine Deacetylease (LpxC): Isoxazoline Zinc Amidase Inhibitors Bearing Diverse Metal Binding Groups," J. Med. Chem. 45(19):4359-4370.			
129.	Pirrung, M.C. et al. (2003). "High-Throughput Catch-and-Release Synthesis of Oxazoline Hydroxamates. Structure-Activity of <i>Escherichia coli</i> LpxC: In Vitro Enzyme Inhibition and Antibacterial Properties," <i>J. Am. Chem. Soc.</i> 125: 1575-1586.			
130.	Pitts, W.J. et al. (2000). "Isoxazolines as Potent Antagonists of the Integrin $\alpha_v \beta_3$," J. Med. Chem. 43:27-40.			
131.	Porter, J.R et al. (2002). "N-(Pyrimidin-4-yl) and N-(Pyridin-2-yl) Phenylalanine Derivatives as VLA-4 Integrin Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 12:1595-1598.			
132.	Porter, J.R. et al. (2002). "Squaric Acid Derivatives as VLA-4 Integrin Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 12:1051-1054.			
133.	Porter, J.R. et al. (2003). "Dehydrophenylalanine Derivatives as VLA-4 Integrin Antagonists," Bioorganic & Medicinal Chemistry Letters 13:805-808.			
134.	Price, N.P. et al. (1994). "Biosynthesis of a Structurally Novel Lipid A in <i>Rhizobium leguminosarum</i> : Identification and Characterization of Six Metabolic Steps Leading From UDP-GlcNAc to 3-Deoxy-D-manno-2-Octulosonic Acid ₂ -Lipid IV _A ," <i>J. Bacteriol.</i> 176(15):4646-4655.			
135.	Qiu, X-L. et al. (2000). "Practical Synthesis of Boc-Protected <i>cis</i> -4-Trifluoromethyl and <i>cis</i> -4-Difluoromethyl-L- prolines," <i>J. Org. Chem.</i> 67:7162-7164.			
EXAMINER:		DATE CONSIDERED:		
	rial if citation considered, whether or not the citation considered. Include a copy of this form with		a line through the citation if not in	

Form PTO-1449	ł	Docket Number 342312004800	Application Number 10/617,616	
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(Use several sheets if necessary)		Filing Date July 11, 2003	Group Art Unit Not Yet Assigned	
		Mailing Date March 8, 2004		
		<u> </u>		
136.	Raetz, C.R.H. (1998). "Enzymes of Lipid A Biosynthesis: Targets for the Design of New Antibiotics," <i>In</i> Endotoxins and Sepsis: Molecular Mechanisms of Pathogenesis, Host Resistances, and Therapy J. Levin et al. eds., Wiley-Liss: New York, NY pp. 1-14.			
137.	Raetz. C.R.H. (1996). "Bacterial Lipopolysaccharides: A Remarkable Family of Bioactive Macroamphiphiles" Chapter 69 In <i>Escherichia coli</i> and <i>Salmonella</i> : Cellular and Molecular Biology Second Edition, Neidhardt, F.C. ed., ASM Press: Materials Park, OH Vol. I, pp. 1035-1063.			
138.	Rodebaugh, R.M. et al. (1971)."2-Carboazetidine Derivatives (1)," J. Heterocycl. Chem. 8:19-24.			
139.	Scozzafava, A. et al. (2002). "Carbonic Anhydrase Activators: High Affinity Isozymes I, II, and IV Activators, Incorporating a β-Alanyl-Histidine Scaffold," <i>J. Med. Chem.</i> 45(2):284-291.			
140.	Sekikawa, I. et al. (1983). "Synthesis of Isonipecotinoyl Analogues of Aminopterin and Folic Acid," J. Heterocyclic Chem. 20:807-809.			
141.	Sidduri, A. et al. (2002). "N-Aroyl-L-Phenylalanine Derivatives as VCAM/VLA-4 Antagonists," Bioorganic & Medicinal Chemistry Letters 12:2479-2482.			
142.	Sidduri, A. et al. (2002). "N-Cycloalkanoyl-L-Phenylalanine Derivatives as VCAM/VLA-4 Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 12:2475-2478.			
143.	Singh, J. et al. (2002). "Identification of Potent and Novel α4β1 Antagonists Using in Silico Screening," J. Med. Chem. 45:2988-2993.			
144.	Sorensen, P.G. et al. (1996). "Regulation of USP-3-O-(R-3-hydroxymyristoyl)-N-acetylglucosamine Deacetylase in <i>Escherichia coli</i> . The Second Enzymatic Step of Lipid A Biosynthesis," <i>J. Biol. Chem.</i> 271(42):25898-25905.			
145.	Su, T. et al. (1997). "Fibrinogen Receptor (GPIIb-IIIa) Antagonists Derived from 5,6-Bicyclic Templates. Amidinoindoles, Amidinoindazoles, and Amidinobenzofurans Containing the <i>N</i> -α-Sulfonamide Carboxylic Acid Function as Potent Platelet Aggregation Inhibitors," <i>J. Med. Chem.</i> 40:4308-4318.			
146.	Sutherland, P.J. et al. (1998) "Dictyostelium discoideum Fatty-acyl Amidase II Has Deacylase Activity on Rhizobium Nodulation Factors," J. Biol. Chem. 273(8):4459-4464.			
147.	Tilley, J. et al. (2000). "Carbacyclic Peptide Mimetics as VCAM-VLA-4 Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 10:1163-1165.			
148.	Tilley, J.W. et al. (2001). "Imide and Lactam Derivatives of N-Benzylpyroglutamyl-L-phenylalanine as VCAM/VLA-4 Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 11:1-4.			
149.	Tumey, L.N. et al. (2001). "Parallel Synthesis of Lipid A Biosynthesis Inhibitors," <i>Abstracts of Papers, Part 2: 222nd ACS National Meeting</i> : Chicago, IL, August 26-30, 2001. Abstract No. 623, one page.			
150.	Vaara, M. (1996). "Lipid A: Target for Antibacterial Drugs," Science 274: 939-940.			
151.	van der Merwe, P.A. et al. (2002). "The Immunological Synapse - a Multitasking System," <i>Science</i> 295:1479-1480.			
EXAMINER:		DATE CONSIDERED:		
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.				

PTO/SB/ 08 (2-92) pa- 809751 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Filing Date July 11, 2003 Mailing Date March 8, 2004 Based Homogeneous Assay for a successmine Deacetylase." And and Synthesis of Potent and Semistry Letters 11:2955-2958. Amino Acids as Asp-Phg Min.	alytical Biochem. 290: 338-346. lective Inhibitors of Integrin
Wang et al. (2001). "A Fluorescence-B O-(R-3-Hydroxymyristoyl)-N-acetylglu Wattanasin, S. et al. (2001). "Design at VLA-4," Bioorganic & Medicinal Che Wehner, V. et al. (2002). "Aromatic β-Antagonists," Synthesis 14:2023-2036 Wei, Y. et al. (2001). "Global Impact of	Filing Date July 11, 2003 Mailing Date March 8, 2004 Based Homogeneous Assay for a successmine Deacetylase." And and Synthesis of Potent and Semistry Letters 11:2955-2958. Amino Acids as Asp-Phg Min.	r Measuring Activity of UDP-3- alytical Biochem. 290: 338-346.
Wang et al. (2001). "A Fluorescence-B O-(R-3-Hydroxymyristoyl)-N-acetylglum Wattanasin, S. et al. (2001). "Design at VLA-4," Bioorganic & Medicinal Che Wehner, V. et al. (2002). "Aromatic β-Antagonists," Synthesis 14:2023-2036 Wei, Y. et al. (2001). "Global Impact of the synthesis of the synth	Mailing Date March 8, 2004 Based Homogeneous Assay fo accosamine Deacetylase." And and Synthesis of Potent and Semistry Letters 11:2955-2958. Amino Acids as Asp-Phg Min.	r Measuring Activity of UDP-3- alytical Biochem. 290: 338-346.
O-(R-3-Hydroxymyristoyl)-N-acetylglu Wattanasin, S. et al. (2001). "Design an VLA-4," <i>Bioorganic & Medicinal Che</i> Wehner, V. et al. (2002). "Aromatic β- Antagonists," <i>Synthesis</i> 14:2023-2036 Wei, Y. et al. (2001). "Global Impact of	Based Homogeneous Assay for ucosamine Deacetylase." And and Synthesis of Potent and Semistry Letters 11:2955-2958. Amino Acids as Asp-Phg Min.	alytical Biochem. 290: 338-346. lective Inhibitors of Integrin
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O-(R-3-Hydroxymyristoyl)-N-acetylglu Wattanasin, S. et al. (2001). "Design an VLA-4," <i>Bioorganic & Medicinal Che</i> Wehner, V. et al. (2002). "Aromatic β- Antagonists," <i>Synthesis</i> 14:2023-2036 Wei, Y. et al. (2001). "Global Impact of	nd Synthesis of Potent and Se mistry Letters 11:2955-2958. Amino Acids as Asp-Phg Min.	alytical Biochem. 290: 338-346. lective Inhibitors of Integrin
VLA-4," <i>Bioorganic & Medicinal Che</i> Wehner, V. et al. (2002). "Aromatic β- Antagonists," <i>Synthesis</i> 14:2023-2036 Wei, Y. et al. (2001). "Global Impact of	mistry Letters 11:2955-2958. Amino Acids as Asp-Phg Min.	
Antagonists," <i>Synthesis</i> 14:2023-2036 Wei, Y. et al. (2001). "Global Impact of		mics in LDV Derived VLA-4
Wei, Y. et al. (2001). "Global Impact of <i>sdi</i> A Amplification Revealed by Comprehensive Gene Expression Profiling of <i>Escherichia coli</i> ," <i>J. Bacteriol</i> . 183(7): 2265-2272.		
Weitz-Schmidt, G. et al. (2001). "Statins Selectively Inhibit Leukocyte Function Antigen-1 by Binding to a Novel Regulatory Integrin Site," <i>Nature Medicine</i> 7(6):687-692.		
Welsenbach, K. et al. (2002). "Small Molecule Inhibitors Induce Conformational Changes in the I Domain and the I-like Domain of Lymphocyte Function-Associated Antigen-1," <i>The Journal of Biological Chemistry</i> 277(12):10590-10598.		
Winn, M. et al. (2001). "Discovery of Novel p-Arylthio Cinnamides as Antagonists of Leukocyte Function-Associated Antigen-1/Intercelular Adhesion Molecule-1 Interaction. 4. Structure-Activity Relationship of Substituents on the Benzene Ring of the Cinnamide," <i>J. Med. Chem.</i> 44:4393-4403.		
Yang, G.X. et al. (2002). "N-Tetrahydrofuroyl-(L)-Phenylalanine Derivatives as Potent VLA-4 Antagonists," Bioorganic & Medicinal Chemistry Letters 12:1497-1500.		
Young, K. et al. (1995). "The <i>envA</i> Permeability/Cell Division Gene of <i>Escherichia coli</i> Encodes the Second Enzyme of Lipid A Biosynthesis. UDP-3-O-(R-3-hydroxymyristoyl)-N-acetylglucosamine deacetylase," J. Biol. Chem. 270(51):30384-30391.		
Zimmerman, C.N. (1999). "Peptide and Peptidomimetic Inhibitors of VLA-4," Expert Opinion on Therapeutic Patents 9(2):129-133.		
	Weitz-Schmidt, G. et al. (2001). "Statis Binding to a Novel Regulatory Integring Welsenbach, K. et al. (2002). "Small M. Domain and the I-like Domain of Lyman Biological Chemistry 277(12):10590-Winn, M. et al. (2001). "Discovery of Function-Associated Antigen-1/Interce Relationship of Substituents on the Berry Yang, G.X. et al. (2002). "N-Tetrahydr Antagonists," Bioorganic & Medicinal Young, K. et al. (1995). "The envA Per Second Enzyme of Lipid A Biosynthes deacetylase," J. Biol. Chem. 270(51):30 Zimmerman, C.N. (1999). "Peptide and	Weitz-Schmidt, G. et al. (2001). "Statins Selectively Inhibit Leukocy Binding to a Novel Regulatory Integrin Site," <i>Nature Medicine</i> 7(6) Welsenbach, K. et al. (2002). "Small Molecule Inhibitors Induce Co Domain and the I-like Domain of Lymphocyte Function-Associated <i>Biological Chemistry</i> 277(12):10590-10598. Winn, M. et al. (2001). "Discovery of Novel p-Arylthio Cinnamides Function-Associated Antigen-1/Intercelular Adhesion Molecule-1 In Relationship of Substituents on the Benzene Ring of the Cinnamide, Yang, G.X. et al. (2002). "N-Tetrahydrofuroyl-(L)-Phenylalanine De Antagonists," <i>Bioorganic & Medicinal Chemistry Letters</i> 12:1497-1 Young, K. et al. (1995). "The <i>envA</i> Permeability/Cell Division Gene Second Enzyme of Lipid A Biosynthesis. UDP-3-O-(R-3-hydroxym deacetylase," <i>J. Biol. Chem.</i> 270(51):30384-30391. Zimmerman, C.N. (1999). "Peptide and Peptidomimetic Inhibitors of

EXAMINER:	DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.